

TRANSMITTAL LETTER TO THE
UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

514 RE PCT/PTO 23 SEP 1999
ATTORNEY'S DOCKET NUMBER
1677/00132

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

09/381696

INTERNATIONAL APPLICATION NO.

PCT/SE98/00721

INTERNATIONAL FILING DATE

21 April 1998

PRIORITY DATE CLAIMED

21 April 1997

TITLE OF INVENTION

A Nuclear Reactor Device And A Method To Construct A Nuclear Reactor Device

APPLICANT(S) FOR DO/EO/US

Jan-Eric Callin, Claes Carlsson, Bengt Ivung and Timo Kukkola

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☒ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (w/ references)
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter
16. ☒ Other items or information:

Form PCT/ISA/210 - PCT International Search Report

Form PCT/IPEA/401 - PCT Demand

Form PCT/IPEA/409 - International Preliminary Examination Report

Form PCT/RO/101 - PCT Request

2 sheets of formal PCT drawings

WO 98/48428

09/381686

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☒ The following fees are submitted:**Basic National Fee (37 CFR 1.492(a)(1)-(5)):**

Search Report has been prepared by the EPO or JPO \$840.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)

..... \$670.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but

international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$760.00

Neither international preliminary examination fee (37 CFR 1.482) nor international
search fee (37 CFR 1.445(a)(2)) paid to USPTO \$970.00International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims
satisfied provisions of PCT Article 33(2)-(4) \$96.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$970.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☒ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$130.00

Claims	Number Filed	Number Extra	Rate		
Total Claims	18 - 20 =	0	X \$18.00	\$0.00	
Independent Claims	2 - 3 =	0	X \$78.00	\$0.00	
Multiple dependent claim(s)(if applicable)			+ \$270.00	\$	

TOTAL OF ABOVE CALCULATIONS =

\$1,100.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity
statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28)

\$

SUBTOTAL =

\$1,100.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

TOTAL NATIONAL FEE =

\$1,100.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$40.00

TOTAL FEES ENCLOSED =

\$1,140.00

**Amount to be:
refunded \$****charged \$**a. ☒ A check in the amount of \$1,140.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. 22-0185 in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 22-0185. A duplicate copy of this sheet is enclosed.**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137(a) or (b) must be filed and granted to restore the application to pending status****SEND ALL CORRESPONDENCE TO:**Pollock, Vande Sande & Amernick, R.L.L.P.
1990 M Street, N.W.
Suite 800
Washington, DC 20036-3425Elzbieta Chlopecka 09-23-1999
SIGNATUREElzbieta Chlopecka

NAME

32,767

REGISTRATION NUMBER